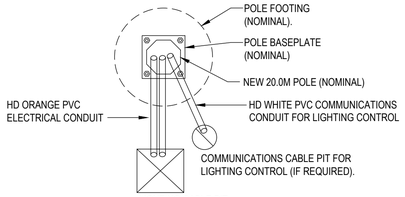


TYPICAL STRAIGHT CROSSARM ARRANGEMENT

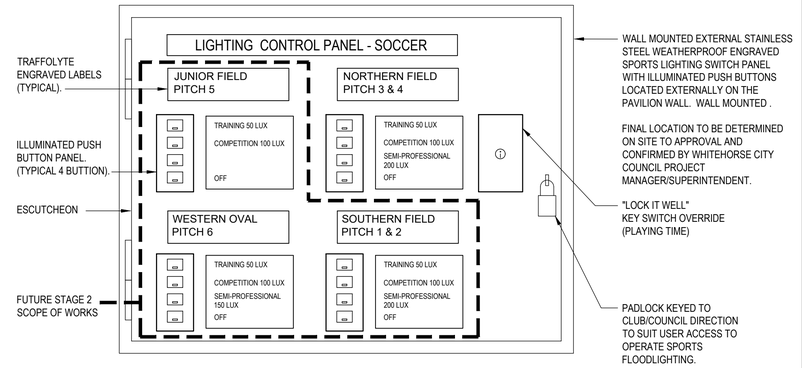
TOTAL CROSSARM CAPACITY IS FOR
MINIMUM OF 6 SPORTS FLOODLIGHTS



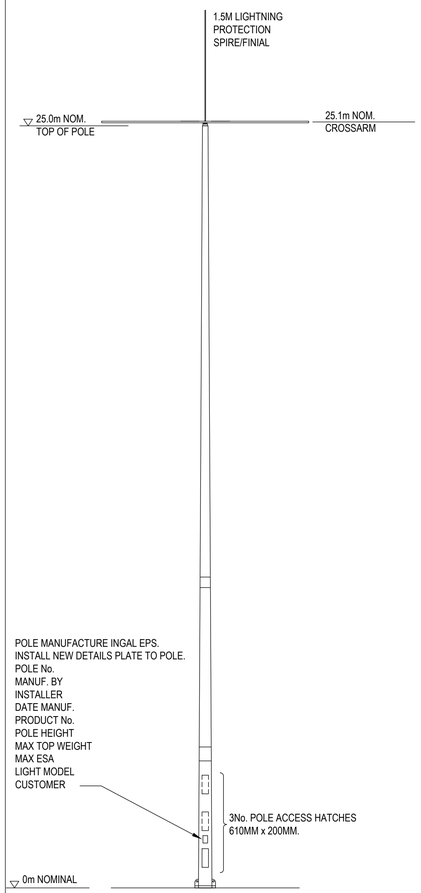
D03 EL-100 TYPICAL POLE CONDUIT ENTRY
ELECTRICAL & COMMUNICATIONS
NTS

FLOODLIGHTING TOWER NOTES

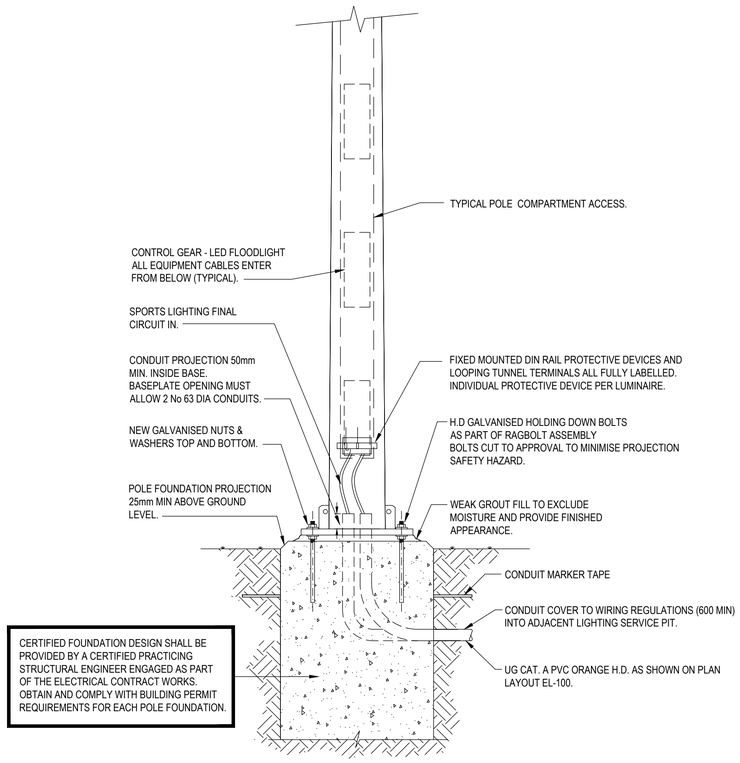
1. REFER TO LEGEND DRAWING POLE SCHEDULE FOR POLE HEIGHTS AND FLOODLIGHT QUANTITIES. THIS DETAIL SHOWN IS INDICATIVE ONLY.
2. SHOP DRAWINGS TO BE SUBMITTED FOR ARC CROSSARM PRIOR TO ORDERING AND MANUFACTURE. COLOUR FINISH TO BE STANDARD GALVANISED.
3. SHOP DRAWINGS TO BE SUBMITTED FOR LIGHTING TOWER PRIOR TO ORDERING AND MANUFACTURE. COLOUR FINISH TO BE STANDARD GALVANISED.
4. STRUCTURAL FOOTING SHOP DRAWINGS FOR LIGHTING TOWERS INCLUDING ALL LUMINAIRE WEIGHTS TO BE SUBMITTED FOR APPROVAL.
5. BASEPLATE WITH HIGH STRENGTH FOUNDATION BOLTS. BOLTS ARE TO BE ACCESSIBLE FOR MAINTENANCE. BOLTS ARE NOT TO BE COVERED OVER EXCEPT FOR A PROTECTION SHROUD. PROVIDE APPROVED COVER PLATE/SHROUD TO BE STANDARD GALVANISED AS SPECIFIED BY THE POLE MANUFACTURER.
6. PROPOSED CONCRETE PAD FOOTING, EXACT SIZE & DEPTH TO BE CONFIRMED BY STRUCTURAL ENGINEER AND POLE MANUFACTURER STRUCTURAL ENGINEER ENGAGED BY THE ELECTRICAL CONTRACTOR.
7. PROPOSED GALVANISED STEEL SPORTS LIGHTING POLE TO BE STANDARD GALVANISED. CONTRACTOR TO PROVIDE ENGRAVED PLATE DETAILING - POLE NUMBER, POLE MANUFACTURER, POLE TYPE, POLE HEIGHT AND DATE OF INSTALLATION.
8. PROVIDE LOCKABLE / REMOVABLE SERVICE HATCHES TO ALLOW ACCESS TO CABLING. LOWER ACCESS HATCH TO BE PROVIDED WITH VENTED LOUVRES. PROVIDE INTERNAL MOUNTING STRAPS INSIDE THE POLE FOR MOUNTING OF CABLING. HATCHES TO BE SECURED WITH ANTI-VANDAL TAMPER PROOF SCREWS.
9. PROVIDE INTERNAL CABLE LADDER TO PERMIT VERTICAL SUPPORT OF MULTI-CORE CABLES FEEDING SPORTS LIGHTS. CABLES TO BE FIXED TO LADDER AT A MINIMUM OF 500mm SPACING.
10. FLOODLIGHTS TO BE PROVIDED WITH STAINLESS STEEL LANYARD FIXED TO CROSSARM. ENSURE LANYARD STRENGTH IS SUITABLE TO SUPPORT THE WEIGHT OF THE FLOODLIGHTS.
11. PROVIDE 1.5M LIGHTING PROTECTION ROD/FINIAL AND EARTHING ON CROSSARM. BOND ALL METALLIC ITEMS IN ACCORDANCE WITH AS:1768.
12. FLOODLIGHT LOCATIONS NOMINAL. CONTRACTOR TO ALLOW FIXINGS SUITABLE FOR OVER & UNDER SLUNG MOUNTING WHERE APPLICABLE. ALL LUMINAIRES TO HAVE LANYARDS.



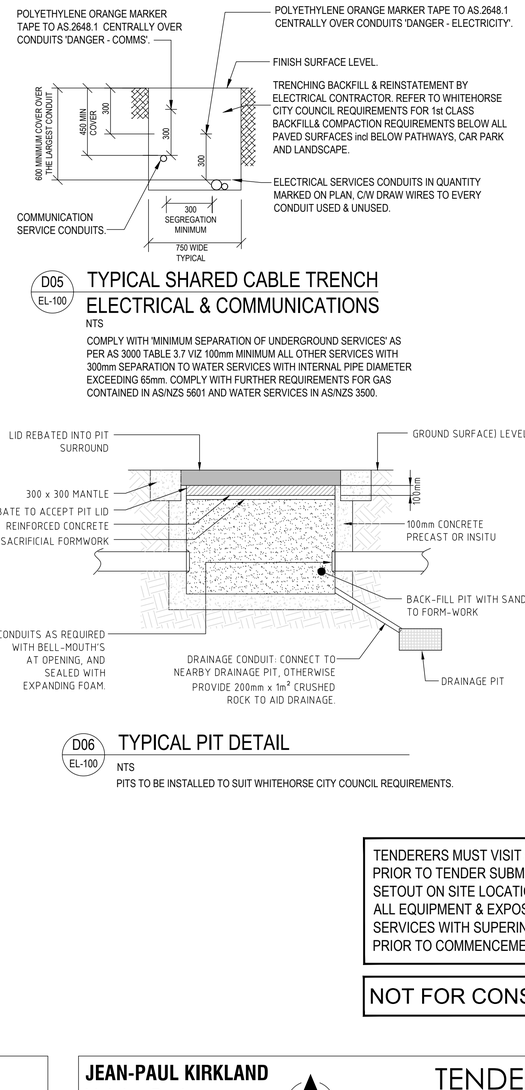
D04 - WALL MOUNTED EXTERNAL
NEW FOOTBALL (SOCCER)
SPORTS LIGHTING CONTROL PANEL
N.T.S.
SUBMIT SHOP DRG FOR APPROVAL



D01 EL-100 TYPICAL FLOODLIGHTING TOWERS
FOOTBALL (SOCCER)
POLES NLP1-NLP4 (25.0m)
POLES SLP1- SLP4 (25.0m)
POLES WLP1-WLP4 (25.0m)
(LOOKING FRONT ON AT POLE)
SCALE 1:100



TYPICAL NEW POLE SECTION DETAIL
N.T.S.
NOTE EXPOSED BASEPLATES SHALL ONLY APPLY OUTSIDE PITCH GRASS TURF SURFACED AREAS. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO COMMENCEMENT. PROCEED ONLY ON THE BASIS OF REVIEW APPROVAL BY THE PROJECT MANAGER.



D05 EL-100 TYPICAL SHARED CABLE TRENCH
ELECTRICAL & COMMUNICATIONS
NTS
COMPLY WITH 'MINIMUM SEPARATION OF UNDERGROUND SERVICES' AS PER AS 3000 TABLE 3.7 VIZ 100mm MINIMUM ALL OTHER SERVICES WITH 300mm SEPARATION TO WATER SERVICES WITH INTERNAL PIPE DIAMETER EXCEEDING 65mm. COMPLY WITH FURTHER REQUIREMENTS FOR GAS CONTAINED IN AS/NZS 5601 AND WATER SERVICES IN AS/NZS 3500.

D06 EL-100 TYPICAL PIT DETAIL
NTS
PITS TO BE INSTALLED TO SUIT WHITEHORSE CITY COUNCIL REQUIREMENTS.

TENDERERS MUST VISIT SITE
PRIOR TO TENDER SUBMISSION.
SETOUT ON SITE LOCATIONS OF
ALL EQUIPMENT & EXPOSED
SERVICES WITH SUPERINTENDENT
PRIOR TO COMMENCEMENT

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DRAWN	APP'D	DATE
02	TENDER ISSUE	JPK	JPK	25.08.2026
01	TENDER ISSUE - CLIENT REVIEW	JPK	JPK	24.07.2026

CLIENT: WHITEHORSE CITY COUNCIL

PROJECT ADDRESS: **MIRRABOOKA RESERVE**
80-140 Holland Road,
Blackburn South VIC 3130

PROJECT: MIRRABOOKA RESERVE
SOCCER SPORTS LIGHTING
UPGRADE PROJECT

TITLE: SPORTS LIGHTING
DETAILS SHEET
STAGE 1 - NORTHERN FIELD
(SYNTHETIC)

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Lighting Design
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TENDER ISSUE
LIGHTING & ELECTRICAL SERVICES

SCALE @ A1	PROJECT No	DRAWING No	REV
AS SHOWN		EL-900	02